



# Cal OES

## Daily Weather Threat Briefing

Regional Operations Center

Western Region

Friday, July 29



**Day 1 (Friday):** High to very high heat risk impacts will continue across inland northern California, including the northern Sacramento Valley as hot temperatures persist. Elevated fire weather conditions will also persist in and around many mountain and foothill locations due to breezy winds and hot temperatures. Scattered showers and thunderstorms are also expected across the southern deserts and far southern Sierra, especially for the afternoon, with a few capable of producing locally heavy rainfall.



# Weather Risk Outlook

Regional Operations Center  
Western Region  
Friday, July 29

	Fri, Jul 29	Sat, Jul 30	Sun, Jul 31	Mon, Aug 1	Tue, Aug 2	Wed, Aug 3	Thu, Aug 4	
<b>Fire Weather</b> Low RH / Wind / Dry T-Storms	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	
<b>Thunderstorms</b> Wind / Hail / Tornadoes	Inland/ Southern	Inland (Sierra)/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern			
<b>Heat</b>	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	
<b>Cold</b>								
<b>River Flooding</b>								
<b>Wind</b>								
<b>Heavy Rain</b> Flash Flooding / Debris Flow	Southern		Inland (Sierra)/ Southern	Inland (Sierra)/ Southern				
<b>Snow</b>								
<b>Coastal Flooding</b>								
<b>Risk Levels</b>	Little to None		Minor		Moderate		Major	Extreme



# Weather Key Points

Regional Operations Center

Western Region

Friday, July 29

- High to very high heat risk impacts will persist over much of inland northern California due to continued hot temperatures, with limited overnight recovery as well
  - Daytime highs of 103 to 113°F will be common in these areas, including over the northern Sacramento Valley, with record high temperatures possible. Overnight lows will remain in the 60s and 70s.
  - Moderate heat risk impacts are also expected for the remainder of the Central Valley and inland southern California through Sunday, before cooler readings return for all areas next week
- Scattered monsoon showers and thunderstorms are expected across the southern deserts Friday, with rain chances expanding into the Sierra and southern mountains Saturday through Monday
  - Any slower-moving storms will be capable of producing heavy rainfall, which could lead to localized flash flooding
  - The greatest risk for locally heavy rain will be Sunday and Monday, especially across the Sierra and southern mountains where some local burn scar impacts could develop depending on rainfall amounts. At this time, confidence on the coverage, location, and intensity of rainfall remains low.
- Outside of any rainfall, fire weather conditions remain elevated for many inland areas through the middle of next week due to breezy winds
  - A few dry lightning strikes are also possible across the northern California mountains Friday through Sunday



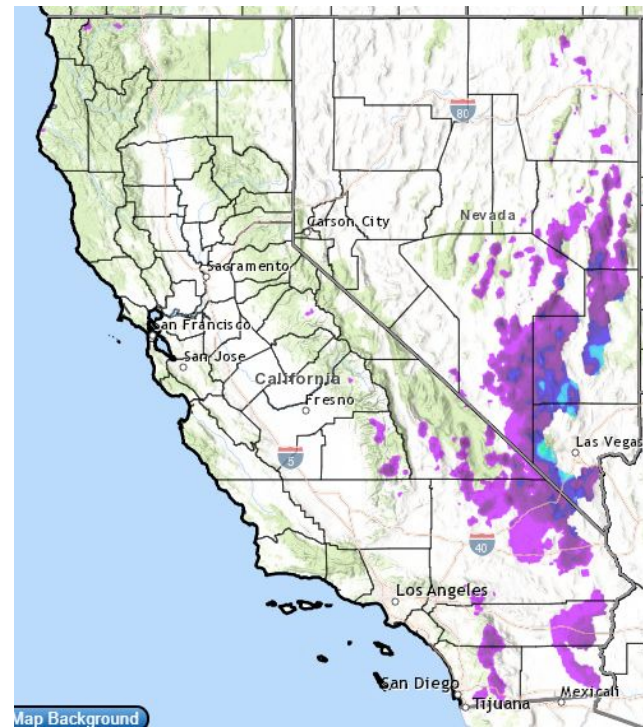


# Precipitation Forecast

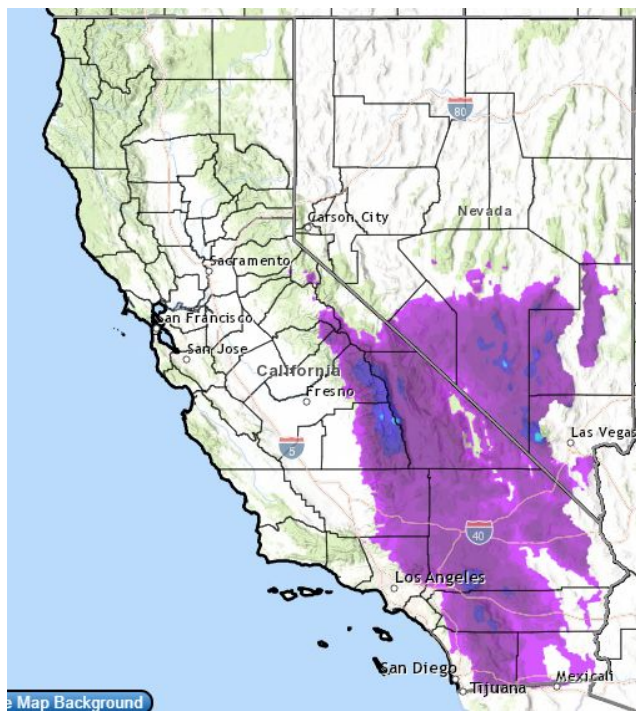
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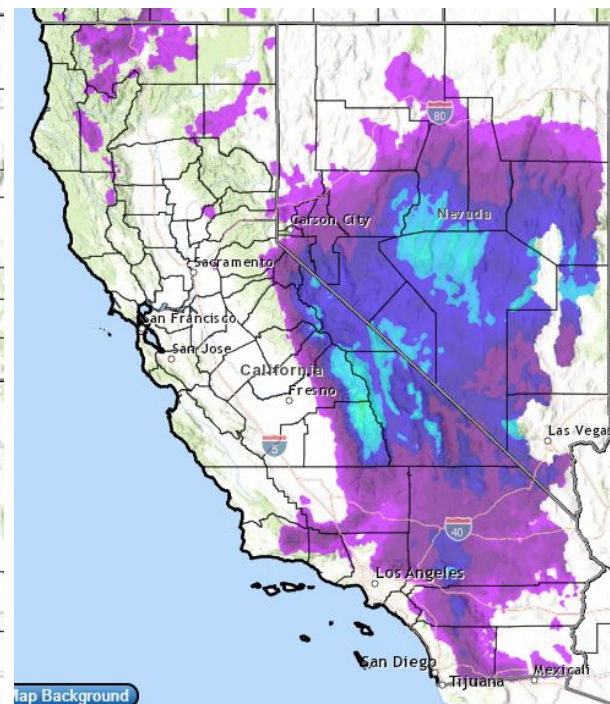
Friday, July 29



**Friday**



**Saturday**



**Sunday**

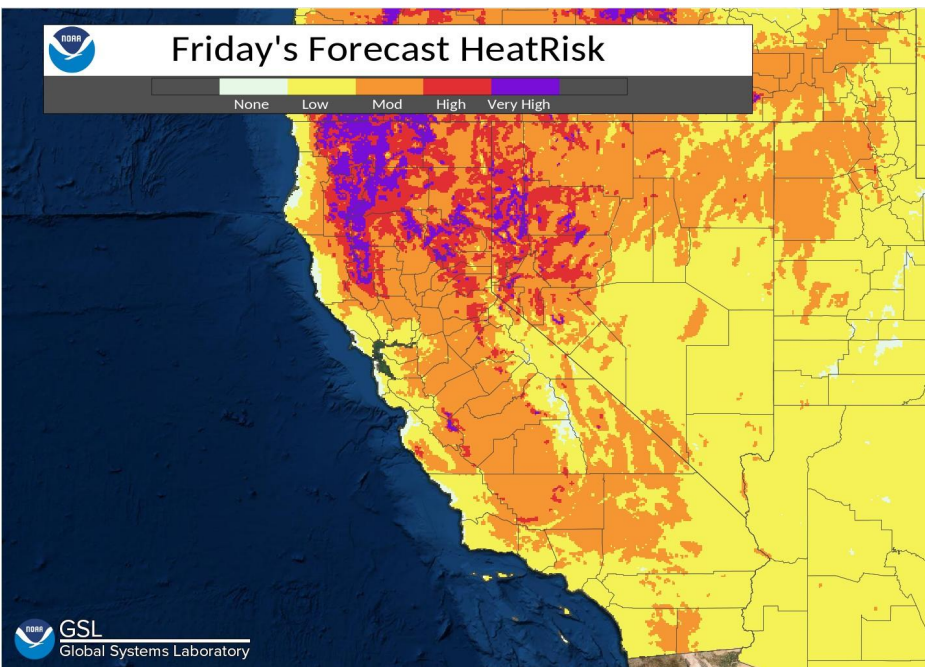
**Note:** Forecast precipitation amounts are an average for any particular location. Thunderstorms will produce locally much higher rainfall amounts.

**Precipitation (inches)**



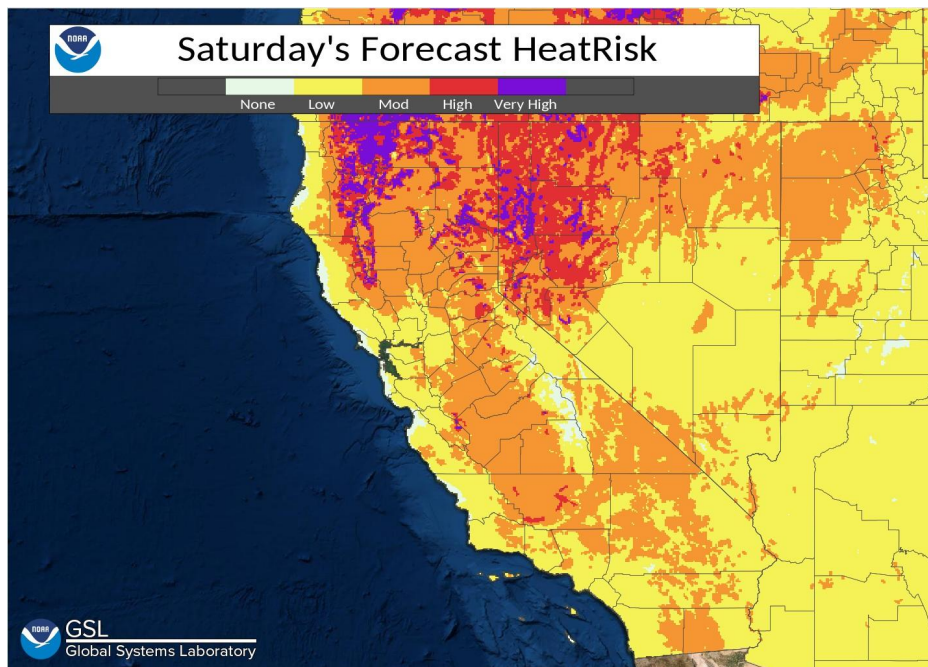
Friday's Forecast HeatRisk

None Low Mod High Very High



Saturday's Forecast HeatRisk

None Low Mod High Very High



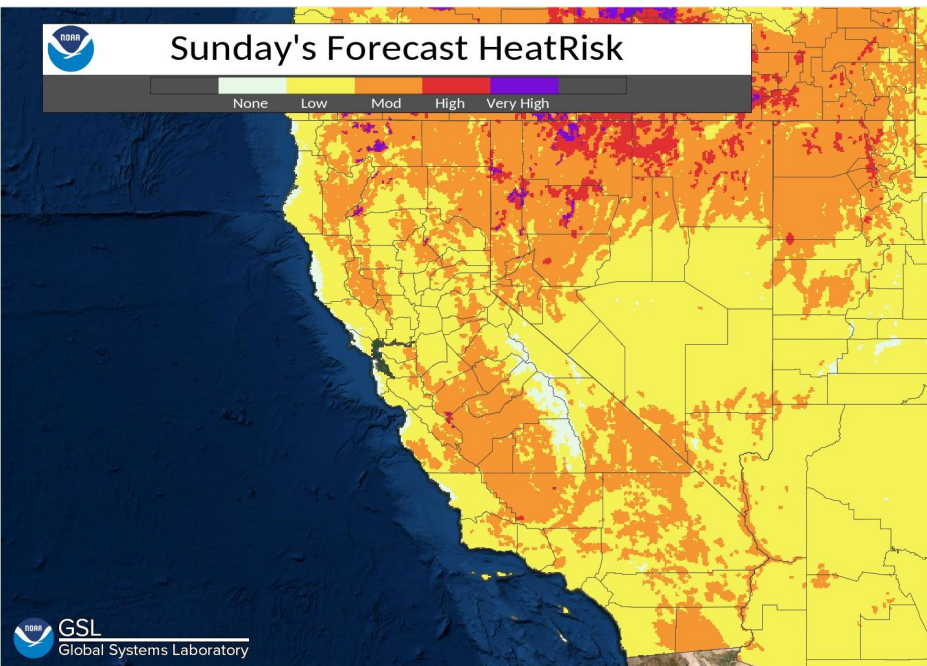
Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	Level 4	Very High Risk for the entire population due to long duration heat, with little to no relief overnight



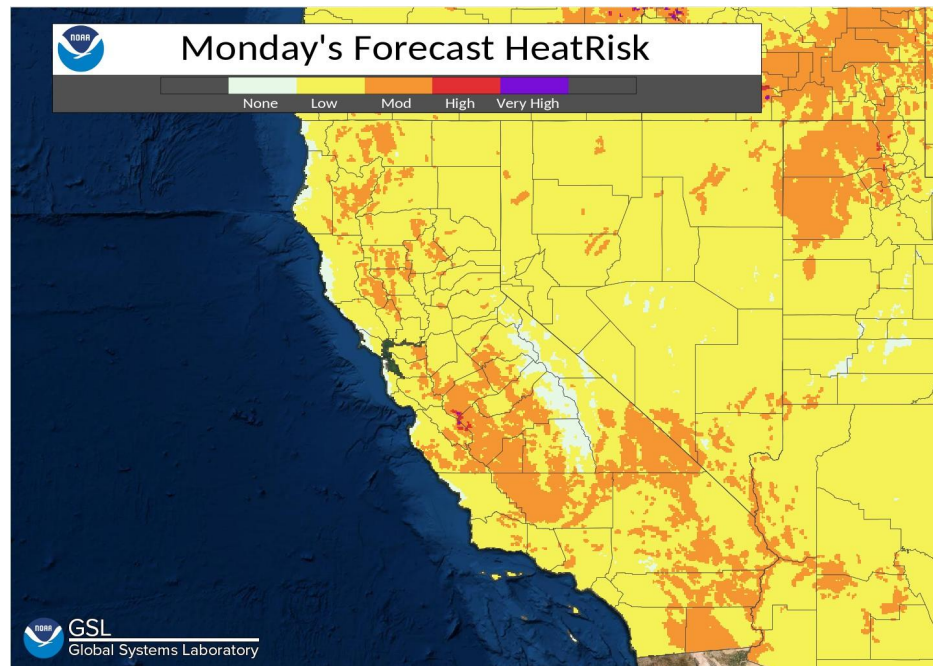
Sunday's Forecast HeatRisk

None Low Mod High Very High



Monday's Forecast HeatRisk

None Low Mod High Very High



Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	Level 4	Very High Risk for the entire population due to long duration heat, with little to no relief overnight



# High Temperature Forecast

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Western Region

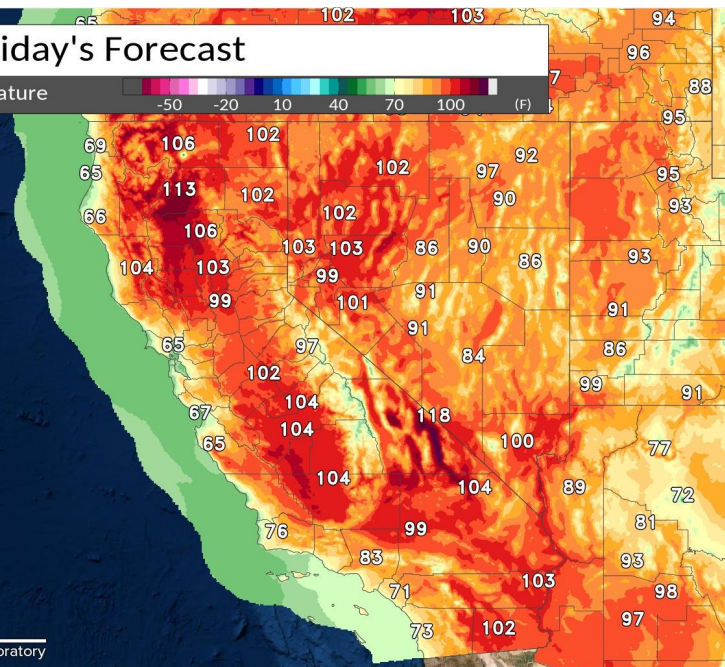
Friday, July 29



## Friday's Forecast

High Temperature

-50 -20 10 40 70 100 (F)



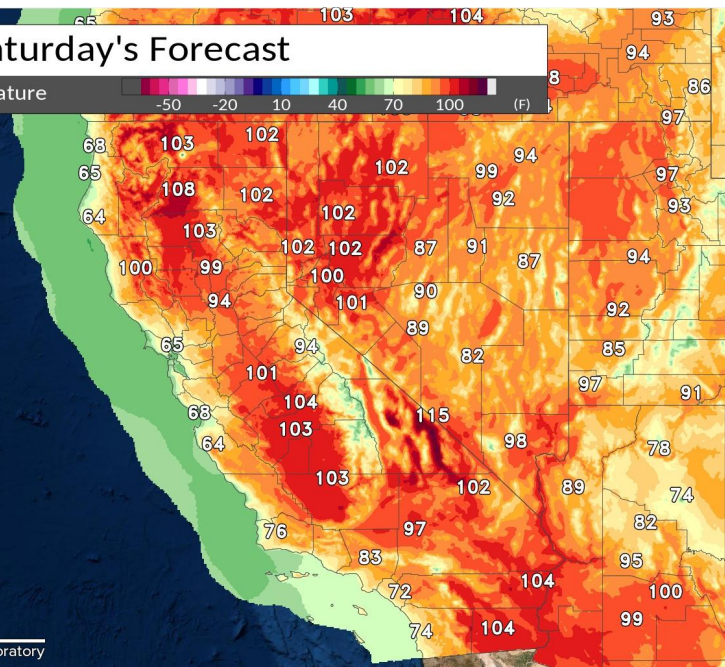
GSL  
Global Systems Laboratory



## Saturday's Forecast

High Temperature

-50 -20 10 40 70 100 (F)



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# High Temperature Forecast

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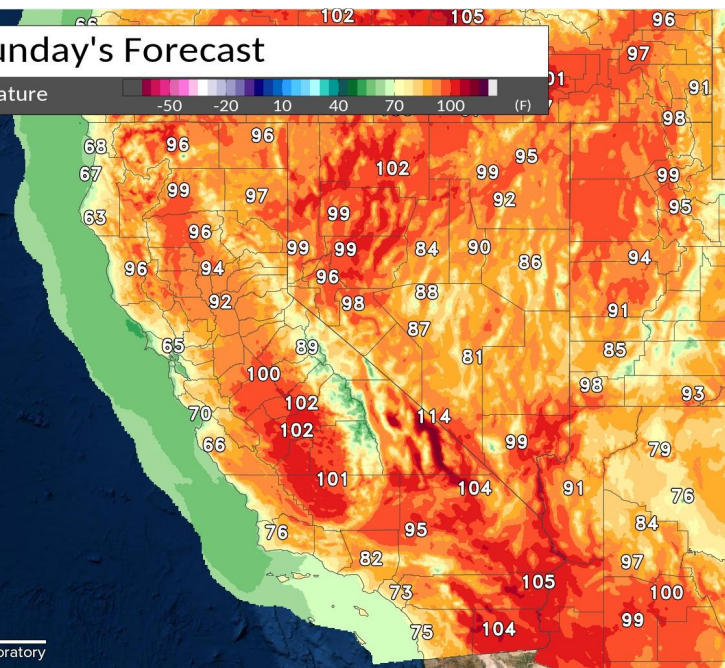
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## Sunday's Forecast

High Temperature

-50 -20 10 40 70 100 (F)



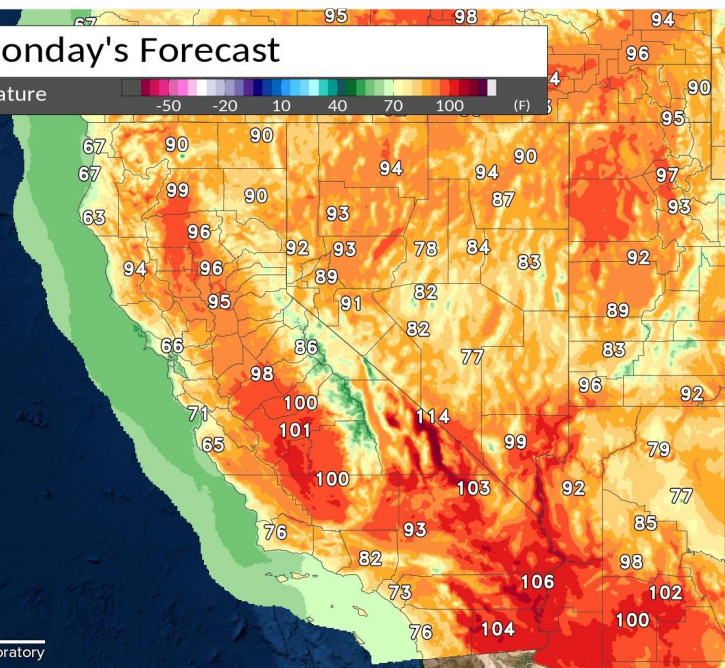
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GSL  
Global Systems Laboratory



## Monday's Forecast

High Temperature

-50 -20 10 40 70 100 (F)

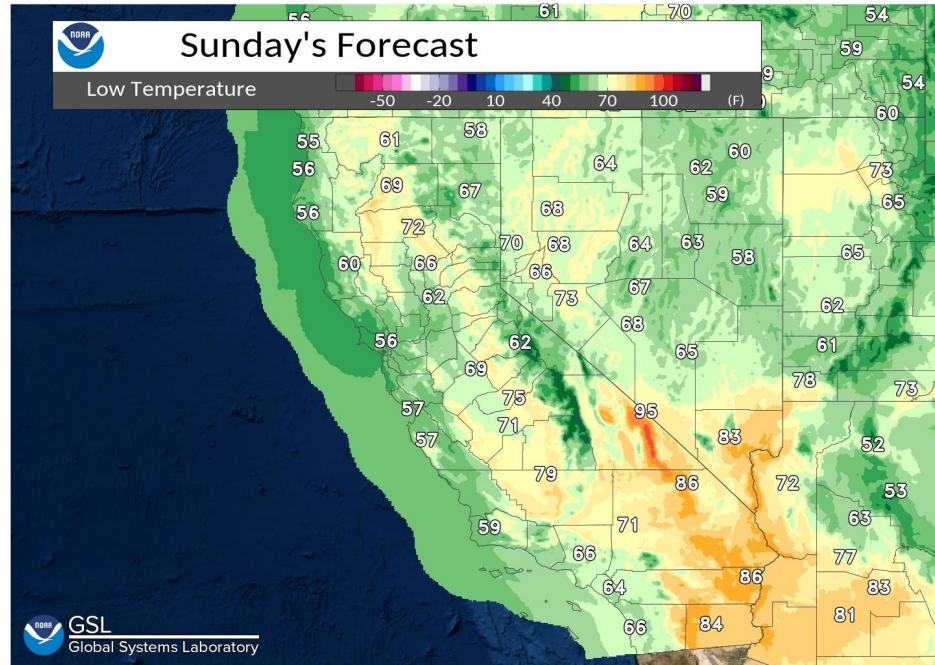
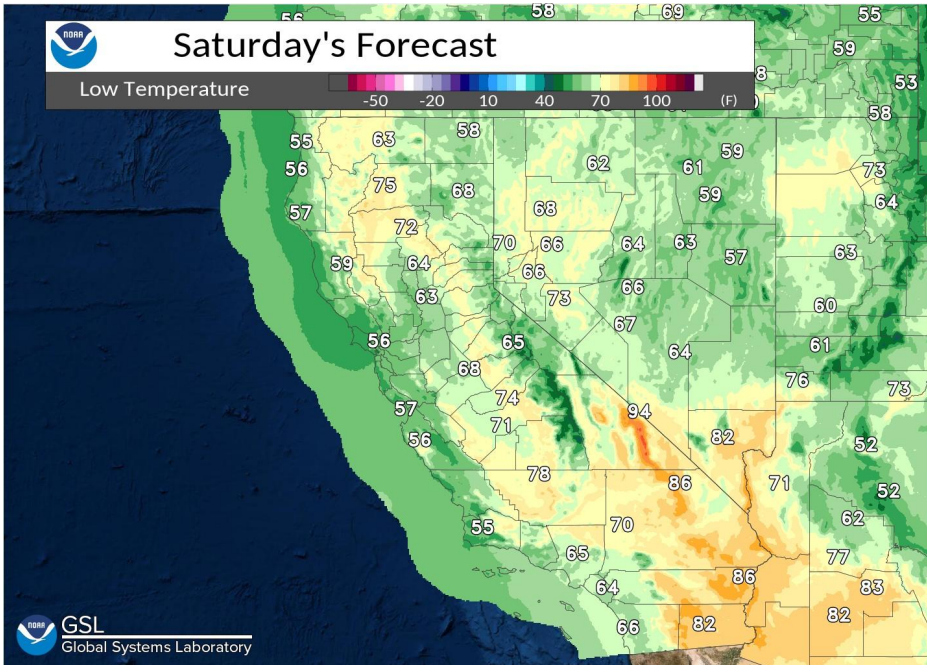


NOAA  
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# Low Temperature Forecast

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Friday, July 29





# Low Temperature Forecast

Regional Operations Center

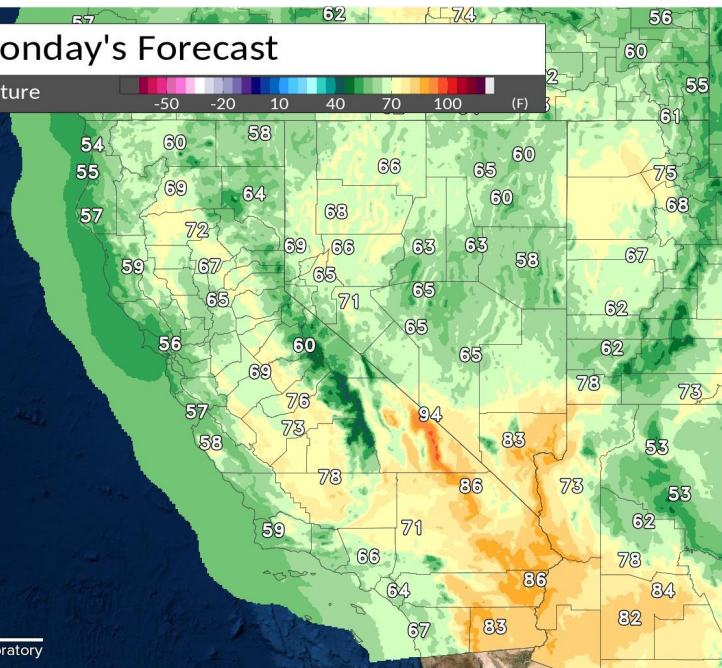
Western Region

Friday, July 29



## Monday's Forecast

Low Temperature

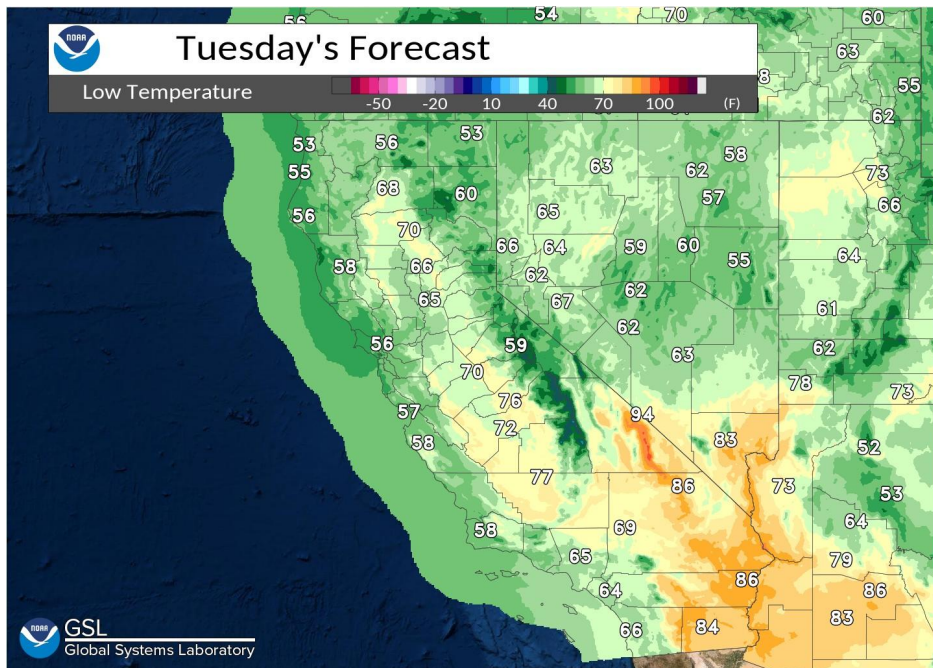


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## Tuesday's Forecast

Low Temperature



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# Weather Outlook (6-14 Days)

Regional Operations Center

Western Region

Friday, July 29

## **6-10 Day Outlook (August 3 – August 7)**

### **Temperatures**

- Below normal temperatures are favored across southern California, with near normal temperatures favored for much of the rest of the state

### **Precipitation**

- Above normal precipitation is favored across southeastern California, with near normal precipitation favored for the rest of the state

## **8-14 Day Outlook (August 5 – August 11)**

### **Temperatures**

- Above normal temperatures are favored across most of the state, with near or below normal temperatures favored across far southeastern California

### **Precipitation**

- Above normal precipitation is favored for the southern half of the state, with near normal precipitation favored for the northern half of California



# Risk Assessment Matrix

Regional Operations Center

Western Region

Friday, July 29

## Impact Level Definition

- Impactful weather is not expected.**
- Potential threat to lives and property if no/incorrect actions are taken.**
  - Localized impacts on commerce possible.
  - Includes events that occur frequently.
- Potential threat to lives and property if no/incorrect actions are taken.**
  - Impacts on commerce possible.
  - Includes events that occur a few times per year.
- Actions likely needed to save lives and/or property.**
  - Significant impacts to commerce possible.
  - Includes events that occur infrequently.
- Actions required to save lives and/or property.**
  - Significant and extended impacts to commerce.
  - Includes exceptionally rare events.

